

## **Engineering Heritage Australia Bulletin: #22**

### **12 July 2022**

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#### **Australasian Engineering Heritage Conference (AEHC) 2022 – Registration is open**

The Engineering Heritage Conference 2022 will bring together like-minded people with an interest in heritage, focusing on engineering heritage, and aims to bring these two aspects together in relationship, emphasising how the past determines the future.

The conference will run from 12 October - 13 October 2022 under the theme, 'Transport and Communications: Looking Forward - Looking Back'.

The conference will feature a networking dinner and two walking site tours. For registration and more information please refer to the link below:

<https://www.engineersaustralia.org.au/event/2022/03/australasian-engineering-heritage-conference-2022-41536>

*(From Frank Johnson)*

#### **Indigenous considerations for coastal planning and design – an interesting upcoming webinar in July**

This webinar presents an overview of the different considerations for coastal planning and design by drawing on several case studies of projects in NSW and Qld coasts for Aboriginal cultural heritage, lessons learned, opportunities for education and engagement and innovative management outcomes. The presenter will draw on some significant management issues and share considerations and learnings for planning and design, as well

as opportunities for education and engagement. It will be from the speaker's perspective as an archaeologist.

Aboriginal cultural heritage places and objects is at its most complex for identification and management in coastal environments. It is also most threatened with climate change, coastal erosion and rising sea levels. Coastal environments have some of the most significant Aboriginal cultural heritage in Australia, including Aboriginal middens, burials, headlands that are significant songlines and ceremonial places, rockshelters/caves and complex artefact/camp sites, of ancient and repeated occupation. Drawing on case studies in Northern NSW, South Coast NSW, Newcastle-Hunter Region and Sydney, as well as Cape York, Queensland.

EA is holding this webinar on the 18<sup>th</sup> of July. For more details and to register refer to the link below:

<https://www.engineersaustralia.org.au/event/2022/06/indigenous-considerations-coastal-planning-and-design-43681>

*(From Firas Shawash)*

### **The life and times of Kathleen Butler, building the Sydney Harbour Bridge – another interesting upcoming webinar in July**

The participation of women in all aspects of society, including engineering, developed greatly during the 20th century. A young Australian woman, Kathleen Butler, was a pioneer in her time and well recognised in Sydney in the 1920s but is now largely forgotten. Despite great innate ability her career was stymied by the exclusion of married women from many occupations. Participants will learn of the work of this woman, but also something of the character of the man she worked for – Bradfield. He recognised ability and embraced it. He encouraged Butler and pushed her forward at every opportunity. You will learn about the design and construction of the Harbour Bridge, from the companies vying for their bid in order to construct the bridge to the opening day.

This event is organised by Engineering Heritage Committee in collaboration with the Sydney Women in Engineering Committee. The event is on the 19<sup>th</sup> of July. For more details and to register refer to the link below:

<https://www.engineersaustralia.org.au/event/2022/06/life-and-times-kathleen-butler-building-sydney-harbour-bridge-43301>

Note: the event is hybrid. EHA members are encouraged to attend the event at EA Sydney office to show support. A networking dinner may be arranged after. Please confirm with Willam Phippen.

*(From William Phippen, who is also the presenter of this event)*

## **Interesting article and video about Frederick Wolseley, Inventor of mechanical shears (an example of our scientific heritage)**

Below is the link to an interesting article about Frederick Wolseley, who invented mechanical shears. it's still the most widely used method to shear sheep 130 years since its invention. Dunlop Station (NSW) had become the first property in the world to shear an entire flock using machines and this had a great impact on the Australian economy back then.

[https://www.abc.net.au/news/2022-05-22/landline-mechanical-shearing/101083320?utm\\_source=abc\\_news\\_web&utm\\_medium=content\\_shared&utm\\_campaign=abc\\_news\\_web&utm\\_content=mail](https://www.abc.net.au/news/2022-05-22/landline-mechanical-shearing/101083320?utm_source=abc_news_web&utm_medium=content_shared&utm_campaign=abc_news_web&utm_content=mail)

*(From Robert Taaffe)*

## **Royal Australian Historical Society and the NSW Government funded Transport Heritage Grants Program**

The Transport Heritage Grants Program is a NSW Government funded program, administered by the Royal Australian Historical Society (RAHS), and supported by Transport Heritage NSW (<https://www.thnsw.com.au/>). The grants program aims to help the NSW community rediscover the culture, the events and the people that shaped transport in NSW over the past 160 years, as well as support the restoration and conservation of our valuable heritage assets. It runs on an annual basis to assist eligible organisations and individuals with rail, tram and bus, water-based transport like ferries or industrial ships, and aeroplane (mass transit planes) based heritage activities. Any private vehicles (i.e. not industrial or public transport) like a car, yacht or private plane is not eligible. For more information email: [grants@rahs.org.au](mailto:grants@rahs.org.au)

*(From Mike Taylor)*

### **Contributions needed**

*Readers are invited to share news, bright ideas, issues of concern, advice about online talks – anything that would be of interest and helpful to others, by sending them to editor Firas Shawash at [fshawash@yahoo.com](mailto:fshawash@yahoo.com) for inclusion in the next Bulletin - more Australia-wide content would be appreciated.*

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